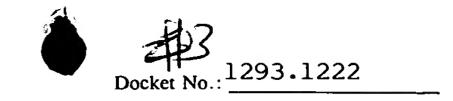
S&H Form (Rev. 7/00)

UNITED STATES



COMBINED DECLARATION/POWER OF ATTORNEY FOR UTILITY/DESIGN PATENT APPLICATION

As a below named inventor, I hereby coal that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

APPARATUS FOR AND METHOD OF DETECTING DEFOCUS ERROR SIGNAL FOR OPTICAL PICKUP AND APPARATUS the specification of which is attached hereto, unless the following box is checked: FOR AND METHOD OF DETECTING SEEK DIRECTION [X] was filed on 2 July 2001 as United States Application Number or PCT International Application Number 09/895,878 and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefit(s) under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			Priority Not Claimed
2000-60030	Rep. of Korea	12/October/2000	
(Number)	(Country)	Day/Month/Year Filed	
(Number)	(Country)	Day/Month/Year Filed	•
States or PCT International applica	ation(s) in the manner provided by the firm as defined in 37 CFR § 1.56 which became	ter of each of the claims of this application is paragraph of 35 U.S.C. § 112, I acknow me available between the filing date of the	ledge the duty to disclose information
(Application Serial No.)	(Filing Date)	(Status patented, pe	ending, abandoned)
(Application Serial No.)	(Filing Date)	(Status patented, pe	ending, abandoned)
Thousand and the etternous and	ngents of Stook & Holsey I i Dunder HSP	CO Customer No. 21, 171 to prosecute this	application and to transact all business

I hereby appoint the attorneys and agents of Staas & Halsey LLP under USPTO Customer No. 21,171 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

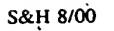


21171 PATENT TRADEMARK OFFICE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

-Francisco	
Full name of sole or first inventor Byung-in Ma	
Inventor's Signature BYWG-W WA	Date 12 July 2001
Residence 202-1302 Samsung Apt., 419 Yuljeon-dong, Jangan-gu,	CitizenshipRep. of Korea
Suwon-si, Gyeonggi-do, Rep. ofKKorea Post Office Address Same as Residence	
Full name of second joint inventor, if any In-sik Park	
Second Inventor's Signature	Date 12 July 2001
Residence 615-801 Shinnamushil Kukdong Apt., 967-2 Youngtong 2-dong, Paldal-gu, Suwon-si, Gyeonggi-do, Rep. of Korea	Citizenship Rep. of Korea
2-dong, Paldal-gu, Suwon-si, Gyeonggi-do, Rep. of Korea Post Office Address Same as Residence	•

[☐] Additional inventors are being named on separately numbered sheets attached hereto.



UNITED STATES



Docket No.: 1293.1222

COMBINED DECLARATION/POWER OF ATTORNEY FOR UTILITY/DESIGN PATENT APPLICATION

Chong-sam Chung	
ventor's Signature Chrysan Chyng	Date 12 July 2001
718-1904 Salquqol Donga Ant., 988-2 Youngtong	
Paldal-gu, Suwon-si, Gyeonggi-do, Rep. of Ko	orea .
ost Office Address Same as Residence	
ull name of fourth inventor, if anyJin-hoon_Jeon	
nventor's Signature	Date 12 July 2001
esidence101-607 Seongwon Apt., 197-21 Yeonmu-dong,	Citizenship Rep. of Korea
Jangan-quie, Suwon-si, Gyeonggi-do, Rep. of Kore	ea .
ost Office Address Same as Residence	
ull name of fifth inventor Tae-yong Doh	
ventor's Signature TAF YONG DOH	Date 12 July 2001
Residence 144-1204 Hwanggol Jugong Apt., 955-1 Youngton	ong 1-dong Citizenship Rep. of Korea
Paldal-gu, Suwon-si, Gyeonggi-do, Rep. of Ko	
ost Office Address Same as Residence	
Full name of sixth inventor, if any Byoung-ho Choi	
nventor's Signature CHOL, BYOUNGED	Date 12 July 2001
43-502 Jugong 1-danji Apt., 176 Maetan-dong,	Paldal-quCitizenship Rep. of Korea
Residence 43-502 Jugong 1-danji Apt., 176 Maetan-dong, Suwon-si, Gyeonggi-do, Rep. of Korea	
Post Office Address Same as Residence	
Full name of seventh inventor	
nventor's Signature	Date
Residence	
Post Office Address	
TOST OTHER VIGILESS	
Full name of eighth inventor, if any	
Inventor's Signature	Date
Residence	Citizenship
Post Office Address	
Post Office Address	
Full name of ninth inventor	
Inventor's Signature	Date
Residence	Citizanshin
Post Office Address	